

WEST Search History

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DATE: Friday, June 22, 2007

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L28	L27 and ((closed or complete or full) same (path or route or geometry or geometric\$4))	1
<input type="checkbox"/>	L27	L17 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance)) same (direct\$4 or orient\$3 or orientation) same ((parallel) same (magnetic or field)))	6
<input type="checkbox"/>	L26	L25 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance)) same (direct\$4 or orient\$3 or orientation) same ((parallel) same (magnetic or field)))	1
<input type="checkbox"/>	L25	L24 and ((parallel) same (magnetic or field))	12
<input type="checkbox"/>	L24	L17 and ((closed or complete or full) same (path or route or geometry or geometric\$4))	13
<input type="checkbox"/>	L23	L22 and ((closed or complete or full) same (path or route or geometry or geometric\$4))	1
<input type="checkbox"/>	L22	L21 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance)) same (direct\$4 or orient\$3 or orientation) same ((parallel) same (magnetic or field)))	4
<input type="checkbox"/>	L21	L20 and (resonator or resonater or resonance or resonant)	19
<input type="checkbox"/>	L20	L19 and (direct\$4 or orient\$3 or orientation)	19
<input type="checkbox"/>	L19	L18 and ((electric or electrical or electrically) same (conduct\$3))	20
<input type="checkbox"/>	L18	L17 and ((parallel) same (magnetic or field))	24
<input type="checkbox"/>	L17	L16 and (((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance))	40
<input type="checkbox"/>	L16	L15 and (dielectric\$4 or di-electric\$4 or substrate)	1985
<input type="checkbox"/>	L15	((324/300-322.ccls.) or (600/407-435.ccls.))	18004
<input type="checkbox"/>	L14	((20020190715) and (static or homogeneous or main) with (magnetic field))	1
<input type="checkbox"/>	L13	L12 and ((electric or electrical or electrically) same (conduct\$3))	14
<input type="checkbox"/>	L12	L11 and (electric\$4)	15
<input type="checkbox"/>	L11	L10 and (conduct\$3)	15
<input type="checkbox"/>	L10	L9 and ((parallel) same (magnetic or field))	15

<input checked="" type="checkbox"/>	L9	L8 and (planar or flat)	22
<input type="checkbox"/>	L8	L7 and (resonator or resonater)	23
<input type="checkbox"/>	L7	L6 and ((finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock) same (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance))	96
<input type="checkbox"/>	L6	L5 and (parallel)	1312
<input type="checkbox"/>	L5	L4 and ("HTS" or "htsc" or superconduct\$3 or super-conduct\$3 or (high with temperature))	1901
<input type="checkbox"/>	L4	L3 and (finger or nest or nesting or nested or nestable or interdigitat\$3 or inter-digitat\$3 or interlacing or interlace or interlaced or inter-laced or interlacing or interlace or interlock or interlocking or interlocked or inter-locked or inter-locking or inter-lock)	4981
<input type="checkbox"/>	L3	L2 and (inductance or inductive or inductively or induce or induced or inducing or capacitive or capacitively or capacitance)	28934
<input type="checkbox"/>	L2	L1 and (dielectric\$4 or di-electric\$4 or substrate)	81778
<input type="checkbox"/>	L1	((magnetic adj resonan\$2) or MRI or NMR)	254465

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 14 of 14 returned.

☐ 1. Document ID: US 20060038640 A1

L13: Entry 1 of 14

File: PGPB

Feb 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060038640

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060038640 A1

TITLE: Ceramic loaded temperature compensating tunable cavity filter

PUBLICATION-DATE: February 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
D'Ostilio; James P.	Lynchburg	VA	US

US-CL-CURRENT: [333/223](#); [333/234](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 2. Document ID: US 20060017440 A1

L13: Entry 2 of 14

File: PGPB

Jan 26, 2006

PGPUB-DOCUMENT-NUMBER: 20060017440

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060017440 A1

TITLE: Resonator system

PUBLICATION-DATE: January 26, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Freytag; Nicolas	Binz		CH

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 3. Document ID: US 20050200359 A1

L13: Entry 3 of 14

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw Desc	Image
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☐ 4. Document ID: US 20040032262 A1

L13: Entry 4 of 14

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040032262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040032262 A1

TITLE: Planar NMR coils with localized field-generating and capacitive elements

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US
Nast, Robert E.	Saratoga	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw Desc	Image
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☐ 5. Document ID: US 20030052682 A1

L13: Entry 5 of 14

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052682

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030052682 A1

TITLE: PLANAR NMR COILS WITH LOCALIZED FIELD-GENERATING AND CAPACITIVE ELEMENTS

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard	Sunnyvale	CA	US

US-CL-CURRENT: 324/322; 324/248

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw Desc	Image
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☐ 6. Document ID: US 20020190715 A1

L13: Entry 6 of 14

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020190715
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020190715 A1

TITLE: Superconducting resonators for NMR applications

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Marek, Daniel	Moeriken		CH

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RIMC	Draw Desc	Image
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☐ 7. Document ID: US 7224248 B2

L13: Entry 7 of 14

File: USPT

May 29, 2007

US-PAT-NO: 7224248
DOCUMENT-IDENTIFIER: US 7224248 B2

TITLE: Ceramic loaded temperature compensating tunable cavity filter

DATE-ISSUED: May 29, 2007

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20060038640 A1	February 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
D'Ostilio; James P.	Lynchburg	VA	24501	US

US-CL-CURRENT: 333/223; 333/224, 333/226, 333/231, 333/234

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RIMC	Draw Desc	Image
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☐ 8. Document ID: US 7193418 B2

L13: Entry 8 of 14

File: USPT

Mar 20, 2007

US-PAT-NO: 7193418
DOCUMENT-IDENTIFIER: US 7193418 B2

TITLE: Resonator system

DATE-ISSUED: March 20, 2007

PRIOR-PUBLICATION:

DCC-ID

DATE

US 20060017440 A1

January 26, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freytag; Nicolas	Binz			CH

US-CL-CURRENT: [324/318](#); [324/322](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RIMC	Draw Desc	Image
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☐ 9. Document ID: US 6842004 B2

L13: Entry 9 of 14

File: USPT

Jan 11, 2005

US-PAT-NO: 6842004

DOCUMENT-IDENTIFIER: US 6842004 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: January 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		
Nast; Robert E.	Saratoga	CA		

US-CL-CURRENT: [324/318](#); [324/322](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RIMC	Draw Desc	Image
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☐ 10. Document ID: US 6727700 B2

L13: Entry 10 of 14

File: USPT

Apr 27, 2004

US-PAT-NO: 6727700

DOCUMENT-IDENTIFIER: US 6727700 B2

TITLE: Superconducting NMR resonators generating RF magnetic fields at the sample which are substantially parallel to the plane of a resonator

DATE-ISSUED: April 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: [324/318](#); [324/322](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RIMC	Draw Desc	Image
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☐ 11. Document ID: US 6556013 B2

L13: Entry 11 of 14

File: USPT

Apr 29, 2003

US-PAT-NO: 6556013

DOCUMENT-IDENTIFIER: US 6556013 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 12. Document ID: US 6121776 A

L13: Entry 12 of 14

File: USPT

Sep 19, 2000

US-PAT-NO: 6121776

DOCUMENT-IDENTIFIER: US 6121776 A

TITLE: Superconducting hybrid-resonator for receiving NMR-signals

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moriken			CH

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 13. Document ID: US 5276398 A

L13: Entry 13 of 14

File: USPT

Jan 4, 1994

US-PAT-NO: 5276398

DOCUMENT-IDENTIFIER: US 5276398 A

**** See image for Certificate of Correction ****TITLE: Superconducting magnetic resonance probe coil

DATE-ISSUED: January 4, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		
Liang; Guo-Chun	Cupertino	CA		

US-CL-CURRENT: 324/318; 324/322, 505/844

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw Desc	Image
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14. Document ID: US 5020411 A

L13: Entry 14 of 14

File: USPT

Jun 4, 1991

US-PAT-NO: 5020411

DOCUMENT-IDENTIFIER: US 5020411 A

TITLE: Mobile assault logistic kinetmatic engagement device

DATE-ISSUED: June 4, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rowan; Larry	Culver	CA	90230	

US-CL-CURRENT: 89/1.11; 376/319, 60/203.1, 89/8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw Desc	Image
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Term	Documents
ELECTRIC	4601385
ELECTRICS	5081
ELECTRICAL	2489477
ELECTRICALS	437
ELECTRICALLY	1509684
ELECTRICALLIES	0
ELECTRICALLYS	1
CONDUCT\$3	0
CONDUCT	389186
CONDUCTA	498
CONDUCTAB	1
(L12 AND ((ELECTRIC OR ELECTRICAL OR ELECTRICALLY) SAME (CONDUCT\$3))) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	14

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Search Results - Record(s) 1 through 19 of 19 returned.

☐ 1. Document ID: US 20070018647 A1

L21: Entry 1 of 19

File: PGPB

Jan 25, 2007

PGPUB-DOCUMENT-NUMBER: 20070018647

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070018647 A1

TITLE: Nuclear magnetic resonance apparatus with a gradient shielding configuration having reduced coupling to the resonator system

PUBLICATION-DATE: January 25, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Freytag; Nicolas	Binz		CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 2. Document ID: US 20060017440 A1

L21: Entry 2 of 19

File: PGPB

Jan 26, 2006

PGPUB-DOCUMENT-NUMBER: 20060017440

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060017440 A1

TITLE: Resonator system

PUBLICATION-DATE: January 26, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Freytag; Nicolas	Binz		CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 3. Document ID: US 20050200359 A1

L21: Entry 3 of 19

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

<http://jupiter2:9000/bin/gate.exe?f=TOC&state=qnq4oo.22&ref=21&dbname=PGPB,USPT,USOC,EPAB,J...> 6/22/07

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Desc	Image
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4. Document ID: US 20040032262 A1

L21: Entry 4 of 19

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040032262

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040032262 A1

TITLE: Planar NMR coils with localized field-generating and capacitive elements

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US
Nast, Robert E.	Saratoga	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Desc	Image
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5. Document ID: US 20030151409 A1

L21: Entry 5 of 19

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030151409

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030151409 A1

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the conducting material

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Marek, Daniel	Moeriken		CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 6. Document ID: US 20030052682 A1

L21: Entry 6 of 19

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052682

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030052682 A1

TITLE: PLANAR NMR COILS WITH LOCALIZED FIELD-GENERATING AND CAPACITIVE ELEMENTS

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard	Sunnyvale	CA	US

US-CL-CURRENT: 324/322; 324/248

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 7. Document ID: US 20020190715 A1

L21: Entry 7 of 19

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020190715

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020190715 A1

TITLE: Superconducting resonators for NMR applications

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Marek, Daniel	Moeriken		CH

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 8. Document ID: US 7193418 B2

L21: Entry 8 of 19

File: USPT

Mar 20, 2007

US-PAT-NO: 7193418

DOCUMENT-IDENTIFIER: US 7193418 B2

TITLE: Resonator system

DATE-ISSUED: March 20, 2007

PRIOR-PUBLICATION:

DOC-ID DATE
US 20060017440 A1 January 26, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Freytag; Nicolas	Binz			CH

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 9. Document ID: US 6842004 B2

L21: Entry 9 of 19

File: USPT

Jan 11, 2005

US-PAT-NO: 6842004

DOCUMENT-IDENTIFIER: US 6842004 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: January 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		
Nast; Robert E.	Saratoga	CA		

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 10. Document ID: US 6781377 B2

L21: Entry 10 of 19

File: USPT

Aug 24, 2004

US-PAT-NO: 6781377

DOCUMENT-IDENTIFIER: US 6781377 B2

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the conducting material

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 11. Document ID: US 6727700 B2

L21: Entry 11 of 19

File: USPT

Apr 27, 2004

US-PAT-NO: 6727700

DOCUMENT-IDENTIFIER: US 6727700 B2

TITLE: Superconducting NMR resonators generating RF magnetic fields at the sample which are substantially parallel to the plane of a resonator

DATE-ISSUED: April 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Desc	Image
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☐ 12. Document ID: US 6556013 B2

L21: Entry 12 of 19

File: USPT

Apr 29, 2003

US-PAT-NO: 6556013

DOCUMENT-IDENTIFIER: US 6556013 B2

TITLE: Planar NMR coils with localized field-generating and capacitive elements

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Desc	Image
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☐ 13. Document ID: US 6201392 B1

L21: Entry 13 of 19

File: USPT

Mar 13, 2001

US-PAT-NO: 6201392

DOCUMENT-IDENTIFIER: US 6201392 B1

**** See image for Certificate of Correction ****

TITLE: Coplanar RF probe coil arrangement for multifrequency excitation

DATE-ISSUED: March 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Weston	Palo Alto	CA		

Withers; Richard S.	Sunnyvale	CA
Delin; Kevin A.	Arcadia	CA
Fuks; Luis Felipe	Fremont	CA
Wong; Wai Ha	Cupertino	CA

US-CL-CURRENT: 324/300; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Desc	Image
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14. Document ID: US 6121776 A

L21: Entry 14 of 19

File: USPT

Sep 19, 2000

US-PAT-NO: 6121776

DOCUMENT-IDENTIFIER: US 6121776 A

TITLE: Superconducting hybrid-resonator for receiving NMR-signals

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moriken			CH

US-CL-CURRENT: 324/318; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Desc	Image
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15. Document ID: US 5606259 A

L21: Entry 15 of 19

File: USPT

Feb 25, 1997

US-PAT-NO: 5606259

DOCUMENT-IDENTIFIER: US 5606259 A

TITLE: Adaptable antenna for a magnetic resonance apparatus including a wiper contact for varying the size of the antenna without frequency change

DATE-ISSUED: February 25, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Potthast; Andreas	Forchheim			DE
Duerr; Wilhelm	Erlangen			DE

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Desc	Image
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16. Document ID: US 5280247 A

L21: Entry 16 of 19

File: USPT

Jan 18, 1994

US-PAT-NO: 5280247

DOCUMENT-IDENTIFIER: US 5280247 A

TITLE: Filamentary cold shield for superconducting magnets

DATE-ISSUED: January 18, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DeMeester; Gordon D.	Wickliffe	OH		
Morich; Michael A.	Mentor	OH		
Patrick; John L.	Chagrin Falls	OH		

US-CL-CURRENT: 324/318; 335/216

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Desc	Image
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☐ 17. Document ID: US 5276398 A

L21: Entry 17 of 19

File: USPT

Jan 4, 1994

US-PAT-NO: 5276398

DOCUMENT-IDENTIFIER: US 5276398 A

** See image for Certificate of Correction **TITLE: Superconducting magnetic resonance probe coil

DATE-ISSUED: January 4, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Withers; Richard S.	Sunnyvale	CA		
Liang; Guo-Chun	Cupertino	CA		

US-CL-CURRENT: 324/318; 324/322, 505/844

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KIMC	Draw Desc	Image
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☐ 18. Document ID: US 3474294 A

L21: Entry 18 of 19

File: USOC

Oct 21, 1969

US-PAT-NO: 3474294

DOCUMENT-IDENTIFIER: US 3474294 A

TITLE: SUPERCONDUCTIVE MAGNET PROTECTED BY FORWARD AND BACKWARD CONDUCTING DIODE PAIRS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: WEAVER HARRY E JR; KINGSTON FLOYD E

US-CL-CURRENT: 361/19, 324/319, 338/32R, 338/32S, 361/118, 361/56, 361/91.1, 505/850

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Desc	Image
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☐ 19. Document ID: US 3402346 A

L21: Entry 19 of 19

File: USOC

Sep 17, 1968

US-PAT-NO: 3402346

DOCUMENT-IDENTIFIER: US 3402346 A

TITLE: Coaxial receiver coil and capacitor structure for probes of uhf gyromagnetic spectrometers

DATE-ISSUED: September 17, 1968

INVENTOR-NAME: BAKER GEORGE A

US-CL-CURRENT: 324/322; 324/310, 334/81

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Desc	Image
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Term	Documents
RESONATOR	108077
RESONATORS	35211
RESONATER	73
RESONATERS	26
RESONANCE	360355
RESONANCES	21375
RESONANT	160080
RESONANTS	129
(20 AND (RESONATER OR RESONANT OR RESONATOR OR RESONANCE)) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	19
(L20 AND (RESONATOR OR RESONATER OR RESONANCE OR RESONANT)) . PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD.	19

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[Previous Page](#)

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Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20050200359 A1

L22: Entry 1 of 4

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 2. Document ID: US 6781377 B2

L22: Entry 2 of 4

File: USPT

Aug 24, 2004

US-PAT-NO: 6781377

DOCUMENT-IDENTIFIER: US 6781377 B2

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the conducting material

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 3. Document ID: US 3474294 A

L22: Entry 3 of 4

File: USOC

Oct 21, 1969

US-PAT-NO: 3474294

DOCUMENT-IDENTIFIER: US 3474294 A

TITLE: SUPERCONDUCTIVE MAGNET PROTECTED BY FORWARD AND BACKWARD CONDUCTING DIODE PAIRS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: WEAVER HARRY E JR; KINGSTON FLOYD E

US-CL-CURRENT: 361/19, 324/319, 338/32R, 338/32S, 361/118, 361/56, 361/91.1, 505/850

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 3402346 A

L22: Entry 4 of 4

File: USOC

Sep 17, 1968

US-PAT-NO: 3402346

DOCUMENT-IDENTIFIER: US 3402346 A

TITLE: Coaxial receiver coil and capacitor structure for probes of uhf gyromagnetic spectrometers

DATE-ISSUED: September 17, 1968

INVENTOR-NAME: BAKER GEORGE A

US-CL-CURRENT: 324/322; 324/310, 334/81

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Image
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Term	Documents
FINGER	494164
FINGERS	364620
NEST	58427
NESTS	19000
NESTING	45089
NESTINGS	227
NESTED	113450
NESTEDS	0
NESTABLE	6583
NESTABLES	1
INTERLACING	14766
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(DIRECT\$4 OR ORIENT\$3 OR ORIENTATION) SAME
((PARALLEL) SAME (MAGNETIC OR
FIELD)))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20050200359 A1

L23: Entry 1 of 1

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: [324/318](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IMC	Draw Desc	Image
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Term	Documents
CLOSED	2786856
CLOSEDS	18
COMPLETE	2258270
COMPLETES	227627
FULL	1831760
FULLS	213
PATH	2267701
PATHS	618784
ROUTE	444531
ROUTES	199069
GEOMETRY	332443
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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20050200359 A1

L27: Entry 1 of 6

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 2. Document ID: US 6781377 B2

L27: Entry 2 of 6

File: USPT

Aug. 24, 2004

US-PAT-NO: 6781377

DOCUMENT-IDENTIFIER: US 6781377 B2

TITLE: Normally conducting NMR resonators with macroscopically homogeneous distribution of the conducting material

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Marek; Daniel	Moeriken			CH

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 3. Document ID: US 3474294 A

L27: Entry 3 of 6

File: USOC

Oct 21, 1969

US-PAT-NO: 3474294

DOCUMENT-IDENTIFIER: US 3474294 A

TITLE: SUPERCONDUCTIVE MAGNET PROTECTED BY FORWARD AND BACKWARD CONDUCTING DIODE PAIRS

DATE-ISSUED: October 21, 1969

INVENTOR-NAME: WEAVER HARRY E JR; KINGSTON FLOYD E

US-CL-CURRENT: 361/19, 324/319, 338/32R, 338/32S, 361/118, 361/56, 361/91.1, 505/850

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 4. Document ID: US 3434043 A

L27: Entry 4 of 6

File: USOC

Mar 18, 1969

US-PAT-NO: 3434043

DOCUMENT-IDENTIFIER: US 3434043 A

TITLE: NUCLEAR MAGNETIC RESONANCE PROBE APPARATUS HAVING DOUBLE TUNED COIL SYSTEMS FOR SPECTROMETERS EMPLOYING AN INTERNAL REFERENCE

DATE-ISSUED: March 18, 1969

INVENTOR-NAME: NELSON FORREST A

US-CL-CURRENT: 324/310; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 5. Document ID: US 3427532 A

L27: Entry 5 of 6

File: USOC

Feb 11, 1969

US-PAT-NO: 3427532

DOCUMENT-IDENTIFIER: US 3427532 A

TITLE: NUCLEAR MAGNETIC RESONANCE PROBE FOR SPECTROMETERS HAVING AN INTERNAL REFERENCE NUCLEI DIFFERENT THAN THE NUCLEI UNDER OBSERVATION

DATE-ISSUED: February 11, 1969

INVENTOR-NAME: NELSON FORREST A

US-CL-CURRENT: 324/308; 324/310, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw Desc	Image
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☐ 6. Document ID: US 3402346 A

L27: Entry 6 of 6

File: USOC

Sep 17, 1968

US-PAT-NO: 3402346

DOCUMENT-IDENTIFIER: US 3402346 A

TITLE: Coaxial receiver coil and capacitor structure for probes of uhf gyromagnetic

spectrometers

DATE-ISSUED: September 17, 1968

INVENTOR-NAME: BAKER GEORGE A

US-CL-CURRENT: 324/322; 324/310, 334/81

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Image
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Term	Documents
FINGER	494164
FINGERS	364620
NEST	58427
NESTS	19000
NESTING	45089
NESTINGS	227
NESTED	113450
NESTEDS	0
NESTABLE	6583
NESTABLES	1
INTERLACING	14766
(L17 AND (((FINGER OR NEST OR NESTING OR NESTED OR NESTABLE OR INTERDIGITAT\$3 OR INTER-DIGITAT\$3 OR INTERLACING OR INTERLACE OR INTERLACED OR INTER-LACED OR INTERLACING OR INTERLACE OR INTERLOCK OR INTERLOCKING OR INTERLOCKED OR INTER-LOCKED OR INTER-LOCKING OR INTER-LOCK) SAME (INDUCTANCE OR INDUCTIVE OR INDUCTIVELY OR INDUCE OR INDUCED OR INDUCING OR CAPACITIVE OR CAPACITIVELY OR CAPACITANCE)) SAME (DIRECT\$4 OR ORIENT\$3 OR ORIENTATION) SAME ((PARALLEL) SAME (MAGNETIC OR FIELD))))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	6

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☐ 1. Document ID: US 20050200359 A1

L28: Entry 1 of 1

File: PGPB

Sep 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050200359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050200359 A1

TITLE: Planar NMR coil with gyromagnetic arc suppression

PUBLICATION-DATE: September 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Withers, Richard S.	Sunnyvale	CA	US

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Desc	Image
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Term	Documents
CLOSED	2786856
CLOSEDS	18
COMPLETE	2258270
COMPLETES	227627
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FULLS	213
PATH	2267701
PATHS	618784
ROUTE	444531
ROUTES	199069
GEOMETRY	332443
(L27 AND ((CLOSED OR COMPLETE OR FULL) SAME (PATH OR ROUTE OR GEOMETRY OR GEOMETRIC\$4))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

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